



ITAR for LISA

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KEY NASA RESPONSIBILITIES UNDER THE LOA

There is a signed LOA between ESA and NASA (June 2001), that is being updated to reflect changes in schedule and activities. The primary NASA responsibilities are:

- 🌀 Designate a LISA study phase manager to work with an ESA-designated LISA study phase manager in the implementation of this Agreement
- 🌀 Conduct, jointly with ESA, concept studies to define responsibilities for technology demonstration and subsequent LISA mission including collaborative mission design activities
- 🌀 Conduct technology development for a joint ESA/NASA LISA Mission and a technology demonstration mission



KEY NASA RESPONSIBILITIES UNDER THE LOA (II)

- Define, jointly with ESA, system level interface requirements and specifications for the technology demonstration and LISA missions such as Interface requirements Documents (IRD), detailed Interface Control Documents (ICD), Assembly, Integration and Verification (AIV) requirements and provide ESA with technical information and documentation relative to the NASA Test Package needed by ESA to confirm engineering compatibility with the LISA technology demonstration mission SMART-2
- Define, jointly with ESA, measurable objectives for the LISA technology demonstration mission
- Select a NASA Co-Chair and ten NASA-sponsored scientists to participate in the LISA International Science Team [LIST], as well as additional NASA-sponsored scientists, as required, to serve on technical working groups under the direction of the LIST



LISA

NASA LISA Project ITAR Plan



Beyond
Einstein:
From the
Big Bang
to
Black
Holes

- 🌀 A draft ITAR plan has been prepared by the Project
- 🌀 This plan has been reviewed twice by Mr. John Hall, the NASA Export Administrator
- 🌀 Mr. Hall and his technical advisors have also been briefed on the Project's I&T Flow Plan as well as the strategy for using the ITTs, and have no issue with this approach
- 🌀 Each step has been carefully reviewed with Agency ITAR experts before moving forward:
 - Discussed and showed models to Mr. Hall before sending to ESA
 - Discussed LISA web site and what could be posted/not posted with Mr. Hall
- 🌀 The Project will continue to work closely with the Agency and Center Export Control offices



PRIMARY ELEMENTS OF THE LISA ITAR PLAN



Summary



General Overview

- International Traffic in Arms Regulations
- Letter of Agreement
- Memorandum of Understanding



Stages

- Formulation
- Implementation



LISA Industry Prime/Technical Assistance Agreements/Non-Disclosure Agreements

- Technical Assistance Agreements
- Non-Disclosure Agreements



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PRIMARY ELEMENTS OF THE LISA ITAR PLAN (II)



Technology Transfer

- Technical Data
- NASA Provided Software
- Destination Control Statement
- Public Release of NASA Technical Data/Software



LISA Customs/Transportation Issues (Hardware)

- Temporary Exports of NASA Hardware
- Permanent Exports of NASA Hardware
- Return of NASA Hardware from Foreign Partner Facilities
- NASA Importation of ESA Hardware



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PRIMARY ELEMENTS OF THE LISA ITAR PLAN (III)

- **NASA Importation of LISA Items Procured Outside of the United States**
- **Hand-carry of NASA Hardware from the United States**

Foreign Visitor Processing

- **Short Term**
- **Long Term**



Facilities

- **Office Space**
- **Computer Access**



Configuration Management/Documentation Management

- **Developing Processes to Control Access to ITAR Sensitive Documentation**



PRIMARY ELEMENTS OF THE LISA ITAR PLAN (IV)

Project Reviews/System Engineering Meetings

- “Need to Know” arguments must be satisfied
- Need to partition meetings and set agendas accordingly

Interface with Vendors

- Prime Contractors
 - Sub-Contractors
- Principal Investigators
 - Universities



Documents

- 🌀 The Export Administration Regulations (EAR) – 15 C.F.R. 730-774, Department of Commerce
- 🌀 The International Traffic in Arms Regulations (ITAR) – 22 C.F.R. 120-130, Department of State

Directives

- 🌀 NPD 2190.1, NASA Export Control Program
- 🌀 NPG 2190, Procedures and Guidelines for the NASA Export Control Program (Draft)
- 🌀 NPD 2210.1, External Release of NASA Software
- 🌀 NPG 2210.1, External Release of NASA Software
- 🌀 NPG 2800.1, Managing Information Technology